

# FACSIMILE COVER SHEET

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From: Michael P. Straub, Esq.

Date: April 12, 2005

Number of Pages Including Cover: 22

MESSAGE: FORMAL SUBMISSION OF:

- 1) Transmittal;
- 2) Fee Transmittal (in duplicate); and
- 3) Amendment.

Attorney Docket No.: Flarion-47L (18)

Appl. No.: 09/884,581

Applicants: Rajiv LAROA et al.

Filed: June 19, 2001

Title: METHOD AND APPARATUS FOR TIME AND FREQUENCY SYNCHRONIZATION OF  
OFDM COMMUNICATION SYSTEMS

TC/A.U.: 2663

Examiner: Richard Chang

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Michael P. Straub  
Signature

April 12, 2005  
Date

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Modified PTO/SB/21 (05-00)


Approved for use through 10/31/2002. OMB 0651-0031


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<h2 style="text-align: center;">TRANSMITTAL FORM</h2> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>	Application Number	09/884,581
	Filing Date	June 19, 2001
	First Named Inventor	Rajiv LAROLA
	Group Art Unit	2663
	Examiner Name	Richard Chang
Total Number of Pages in This Submission	Attorney Docket Number	Flarion-47L (18)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Postcard Receipt <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael P. Straub (Reg. No. 36,941)
Signature	
Date	April 12, 2005

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patents and Trademark Office on this date: <span style="border: 1px solid black; padding: 2px;">April 12, 2005</span>			
Typed or printed name	Michael P. Straub		
Signature		Date	April 12, 2005

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Modified PTO/SW/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032  
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**FEE TRANSMITTAL  
for FY 2005**

Effective 12/08/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

00.00

## Complete if Known

Application Number	09/884,581
Filing Date	June 19, 2001
First Named Inventor	Rajiv LAROA
Examiner Name	Richard Chang
Art Unit	2663
Attorney Docket No.	Flarion-47L (18)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-1049

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH &amp; EXAMINATION FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
1000	500	Utility fee	
430	215	Design fee	
660	330	Plant fee	
1400	700	Reissue fee	
200	100	Provisional fee	
SUBTOTAL (1)			(\$)

00.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	X	Fee Paid
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple dependent claim, if not paid
1204 200	2204 100	**Reissue independent claims over original patent
1205 50	2205 25	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

\*\*or number previously paid, if greater. For Reissues, see above

00.00

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	2812 2,520	For filing a request for ex parte reexamination	
1804 920*	2804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	2805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable	
1453 1,500	2453 750	Petition to revive - unintentional	
1501 1,400	2501 700	Utility issue fee (for reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
Petitions to the Commissioner - check fee sheet			
1807 50	2807 50	Processing fee under 37 CFR 1.17(c)	
1806 180	2806 180	Submission of information Disclosure Stmt	
8021 40	28021 40	Recording each patent assignment per property (lines number of properties)	
1809 700	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 700	2801 395	Request for Continued Examination (RCE)	
1802 900	2802 900	Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

## SUBMITTED BY

Name (Print/Type)	Michael P. Straub	Registration No. (If/Not Registered)	36,941	Telephone	(732) 542-9070
Signature	<i>Michael P. Straub</i>	Date	April 12, 2005		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.

Modified PTO/SB/17 (01-03)

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TOTAL AMOUNT OF PAYMENT (\$ 00.00)

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Examiner Name	Richard Chang
Art Unit	2663
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Account  
Number  
Deposit  
Account  
Name

50-1049

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Multiple Dependent				

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## FEE CALCULATION (continued)

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Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 00.00)

## SUBMITTED BY

Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941	Telephone	(732) 542-9070
Signature	Michael P. Straub	Date	April 12, 2005		

(Complete if applicable)

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APR 12 2005

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: Flarion-47L (18)

Appl. No.: 09/884,581

Applicants: Rajiv LAROTIA et al.

Filed: June 19, 2001

Title: METHOD AND APPARATUS FOR TIME AND FREQUENCY  
SYNCHRONIZATION OF OFDM COMMUNICATION SYSTEMS

TC/A.U.: 2663

Examiner: Richard Chang

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated  
January 12, 2005, which set a period for response to  
expire on April 12, 2005, please amend the  
above-identified application as follows:

Amendments to the Claims are reflected in the  
listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 15 of this paper.